IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
ANDRE ET AL.   ) Group Art Unit: 1656
)
Serial No.: 10/532,868   ) Examiner: Suzanne Marie Noakes
)
Filed: April 28, 2005   )
) Confirmation No.: 3789
For: A METHOD FOR PERFORMING   )
       RESTRAINED DYNAMICS   )
       DOCKING OF ONE OR MULTIPLE
       SUBSTRATES ON MULTI-
       SPECIFIC ENZYMES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE TO RESTRICTION REQUIREMENT

In a restriction requirement dated June 19, 2007, the Examiner required

restriction under 35 U.S.C. § 121 between:

> Group I, claims 1-16 and 26, drawn to a method for designing a 3-D model
> of a protein by using pre-determined three-dimensional structures
> from at least three members of family to identify common structural
> blocks of said family and produce a new 3-D model of a different
> protein from the same family.

> Group II, claims 17-25, drawn to a 3-D model produced by the method of
> Group I.

> Group III, claims 27-39, drawn to a computer assisted method for
> performing restrained dynamics docking of a substrate on an
> enzyme using an available 3-D structure.

Group IV, claims 40-59, drawn to a computer assisted method for performing restrained dynamics docking of at least two substrates on an enzyme using an available 3-D structure.

Group V, claims 60-67, drawn to use of a method for performing restrained dynamics docking to screen, design and identify molecules that modulate an enzyme.

Applicant elects to prosecute Group III, claims 27-39, drawn to a computer assisted method for performing restrained dynamics docking of a substrate on an enzyme using an available 3-D structure.
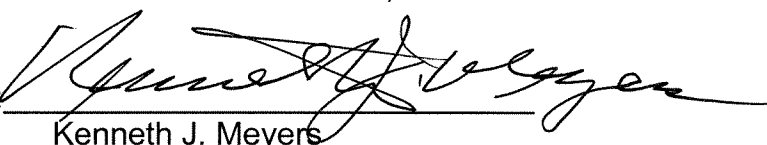
Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: July 18, 2008   By:

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